

Claims

2 1. A method for routing data by a server, comprising the steps of:

3 providing an application on the server;

4 providing a table of formats and protocols on the server, wherein the table
5 is accessible by the application;

6 receiving data having a destination and a transaction type, from a source,
7 on the server;

8 retrieving, from the table, a format for transforming the data and a protocol
9 for communicating the data based on the destination, the transaction type and the
10 source; and

11 the application transforming the data into the retrieved format, and routing
12 the transformed data to the destination using the retrieved communication
13 protocol.

1 2. The method of claim 1, provided table further includes sources, destinations
2 and transaction types.

1 3. The method of claim 1, further comprising the step of identifying the source,
2 prior to the retrieving step.

1 4. The method of claim 1, further comprising the step of the application detecting
2 errors in the retrieved data based upon omissions in the data.

1 5. The method of claim 1, further comprising the step of tracking data
2 communication between the source and the destination.

1 6. The method of claim 1, further comprising the step of generating a report based
2 upon data communications and detected errors.

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1 7. A method for routing data by a server, comprising the steps of:
2 providing a communication application on the server;
3 entering a table of formats, protocols, sources, destinations and transaction
4 types on the server, wherein the table is accessible by the application;
5 receiving data having a destination and a transaction type, from an
6 identified source, on the server;
7 detecting errors in the data based upon omissions in the data;
8 retrieving from the table a format for transforming the data and a protocol
9 for communicating the data, based on the destination, the transaction type and the
10 source; and
11 the application transforming the data into the retrieved format, and routing
12 the transformed data from the server to the destination using the retrieved
13 communication protocol.

1 8. The method of claim 9, further comprising the step of tracking data
2 communication from the source to the destination.

1 9. The method of claim 8, further comprising the step of generating a report based
2 upon data communications and detected errors.

1 10. A system for routing data by a server, comprising:
2 a table system for providing a table having formats and protocols;
3 a data reception system for receiving data from a source, the data having a
4 destination and a transaction type;
5 a retrieval system for retrieving a format for transforming the data and a
6 protocol for communicating the protocol from the table based upon the source, the
7 destination and the transaction type;
8 a transformation system for transforming the data into the retrieved
9 format; and
10 a routing system for routing the transformed data to the destination using
11 the retrieved protocol.

1 11. The system of claim 10, wherein the table further includes sources,
2 destinations and transaction types.

1 12. The system of claim 10, wherein the data reception system further identifies
2 the source.

1 13. The system of claim 10, further comprising an error detection system for
2 detecting errors in the received data based upon omissions.

1 14. The system of claim 10, further comprising a tracking system for tracking data
2 communication between the source and the destination.

1 15. The system of claim 10, further comprising a report system for of generating a
2 report based upon data communications and detected errors.

END

1 16. A program product stored on a recordable medium for routing data by a
2 server, which when executed, comprises:

3 program code for providing a table having formats and protocols;
4 program code for receiving data from a source, the data having a
5 destination and a transaction type;
6 program code for retrieving a format for transforming the data and a
7 protocol for communicating the protocol from the table based upon the source, the
8 destination and the transaction type;
9 program code for transforming the data into the retrieved format; and
10 program code for routing the transformed data to the destination using the
11 retrieved protocol.

12 17. The program product of claim 16, wherein the table further includes sources,
13 destinations and transaction types.

14 18. The program product of claim 16, wherein the program code for receiving data
15 further identifies the source.

16 19. The program product of claim 16, further comprising program code for
17 detecting errors in the received data based upon omissions.

1 20. The program product of claim 16, further comprising program code for
2 tracking data communication between the source and the destination.

1 21. The program product of claim 16, further comprising program code for
2 generating a report based upon data communications and detected errors.

END